

**DIVISION STREET SHARED USE PATH
WILTON, IOWA**

CONTRACTOR'S BID DATE: Wednesday, February 21, 2024 @ 1:00 P.M.

PLACE FOR CONTRACTORS
TO SUBMIT BIDS: City of Wilton
City Clerk
104 East 4th Street
Wilton, IA 52778

ADDENDUM NO.1

February 7, 2024

TO ALL PLANHOLDERS:

The following changes, clarifications, additions, and/or deletions are hereby made a part of the contract documents for the above-referenced project, as fully and completely as if the same were fully set forth therein. All Bidders submitting a Bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of their Bid.

This Addendum No. 1 consists of the following:

- Addendum No. 1 (pages ADN1-1 through ADN1-2)
- Proposal – ADDENDUM 1 (6 pages)
- Plan Sheets (4 pages)

SPECIFICATIONS:


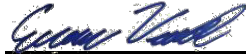
1. **REFER TO PROPOSAL**
 - a. **REPLACE** the PROPOSAL with the attached PROPOSAL – ADDENDUM 1.
NOTE: the updated bid item list and quantity highlighted.
2. **REFER TO CONTRACT**
 - a. **CHANGE** Bid Item Quantity from “1,498” to “1,508”.
 - b. **ADD** Bid Item 28. “Special Subbase Preparation”.

PLAN DRAWING ITEM(S):

Remove and replace the following plan sheets. A brief description of the changes on each sheet is provided for clarification.

1. Sheet A.01 a revisions tracking table has been added to this sheet with this addendum listed in the table.

2. Sheet B.01 the typical sections have been updated to show the Special Subbase Preparation item along with a note regarding this item.
3. Sheet C.01 has updated the Estimated Project Quantities table to reflect the new bid item at quantity provided.
4. Sheet C.02 has rearranged the prior tabulations on the sheet and now includes the continuation of the Estimate Reference Information to its conclusion.

| | |
|---|---|
|  | I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. |
| |  _____ Date: 2/07/24 |
| | EVAN A. VENCIL, P.E. |
| | License No. 22819 |
| | My renewal date is December 31, 2024 |
| Pages or sheets covered by this seal: Addendum #1 _____ _____ | |

EVAN VENCIL, PE
HR GREEN, INC.
8710 EARHART LANE
CEDAR RAPIDS, IOWA 52404
PHONE: (319) 841-4000

END OF ADDENDUM #1

**PROPOSAL
DIVISION STREET SHARED USE PATH
WILTON, IOWA**

ADDENDUM 1

PROPOSAL: PART A – SCOPE

The City of Wilton, hereinafter called the “Jurisdiction”, has need of a qualified contractor to complete the work comprising the below referenced improvement. The undersigned Bidder hereby proposes to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk at the prices hereinafter provided in Part C of the Proposal, for the following described improvements:

Approximately 1,400 linear feet of 10 feet wide trail constructed on the southside of E Division Street between Maurer Street and Cypress Street.

PROPOSAL: PART B – ACKNOWLEDGMENT OF ADDENDA

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below and certifies that said addenda were utilized in the preparation of this bid.

ADDENDUM NUMBER _____ ADDENDUM NUMBER _____

ADDENDUM NUMBER _____ ADDENDUM NUMBER _____

PROPOSAL: PART C – BID ITEMS, QUANTITIES AND PRICES

UNIT BID PRICE CONTRACTS: The Bidder must provide the Unit Bid Price, the Total Bid Price, any Alternate Prices and the Total Construction Costs on the Proposal Attachment: Part C – Bid Items, Quantities, and Prices. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items, Quantities and Prices are approximate only, but are considered sufficiently adequate for the purpose of comparing bids. The Jurisdiction shall only use the Total Construction Cost for comparison of the bids. The Total Construction Cost, including any Add-Alternates shall be used for determining the sufficiency of the bid security.

BASE BID CONTRACTS: The bidder must provide any Bid Prices, and alternate Prices, and the Total of the Base Bid plus any Add-alternates on the Proposal Attachment: Part C-Bid Items, Quantities, and the Prices. The Jurisdiction shall only use the Total Construction Cost for comparison of the bids. The Total Construction Cost, including any Add-Alternates shall be used for determining the sufficiency of the bid security.

PROPOSAL: PART D – GENERAL

The Bidder hereby acknowledges that the Jurisdiction, in advertising for bids for this project reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsible, responsive bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsible, responsive bidder to be based on the comparison of the total bid only, not including any alternates; and
3. Make such alterations in the documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Enter into a contract, if this proposal is selected, in the form approved by the Jurisdiction, provide proof of registration with the Iowa Division of Labor in accordance with Chapter 91C of the Iowa Code, and furnish a performance, maintenance, and payment bond; and
2. Forfeit bid security, not as a penalty but as liquidated damages, upon failure to enter into such contract and/or furnish said bond; and
3. Commence the work on this project within 10 days of the date specified on the Notice to Proceed; and
4. Substantially complete the project on or before 40 Working Days; and
6. Pay liquidated damages for noncompliance with said completion provisions at the rate of \$500 for each calendar day thereafter the work remains incomplete.

PROPOSAL: PART E – NON-COLLUSION AFFIDAVIT

The Bidder hereby certifies:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement with the Jurisdiction; and
2. That no individual employed by the Bidder has employed any person to solicit or procure the work on this project, nor will any employee of the Bidder make any payment or agreement for payment of any compensation in connection with the procurement of this project; and
3. That no part of the bid price received by the Bidder was or will be paid to any person, corporation, firm, association, or other organization for soliciting the bid, other than the payment of their normal compensation to persons regularly employed by the Bidder whose services in connection with the construction of the project were in the regular course of their duties for the Bidder; and
4. That this proposal is genuine and not collusive or sham; that the Bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to submit a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought, by agreement or collusion, or communication or conference, with any person, to fix the bid price of the Bidder or of any other bidder, and that all statements in this proposal are true; and

5. That the individual(s) executing this proposal have the authority to execute this proposal on behalf of the Bidder.

PROPOSAL: PART F – ADDITIONAL REQUIREMENTS

The Bidder hereby agrees to comply with the additional requirements listed below which are included in this proposal and identified as proposal attachments:

| ITEM NO. | DESCRIPTION OF ATTACHMENT |
|----------|--|
| 1. | Bidder Status Form and Worksheet: Authorization to Transact Business |
| 2. | Bid Bond (submitted in a separate, sealed envelope) |

PROPOSAL: PART G – IDENTITY OF BIDDER

The Bidder shall indicate whether the bid is Submitted by a/an:

| | |
|---|-----------------------|
| <input type="checkbox"/> Individual, Sole Proprietorship | _____ |
| <input type="checkbox"/> Partnership | Bidder |
| <input type="checkbox"/> Corporation | _____ |
| <input type="checkbox"/> Joint-venture: all parties must join-in and execute all documents | By _____ |
| <input type="checkbox"/> Other | Name (Print/Type) |
| | _____ |
| | Title |
| The Bidder shall enter its Public Registration Number _____ - _____ issued By the Iowa Commissioner of Labor Pursuant Section 91C.5 of the Iowa Code. | _____ |
| | Street Address |
| | _____ |
| | City, State, Zip Code |
| | _____ |
| | Telephone Number |

NOTE: The signature on this proposal must be an original signature in ink; copies or facsimile of any signature will not be accepted.

Subscribed and sworn to before me this _____ day of _____, 20 ____.

Notary Public in and for

State of _____

HR Green, Inc.
Project No. 2302607

Division Street Shared Use Path
Wilton, Iowa
ADDENDUM #1

County of _____

My commission expires _____

**PROPOSAL
DIVISION STREET SHARED USE PATH
WILTON, IOWA**

PROPOSAL ATTACHMENT: PART C – BID ITEMS, QUANTITIES AND PRICES

This is a UNIT BID PRICE CONTRACT. The bidder must provide the Unit Bid Price, the Total Bid Price, and the Total Construction Cost; in case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items, Quantities and Prices are approximately only, but are considered sufficiently adequate for the purpose of comparing bids. The Jurisdiction shall only use the Total Construction Cost for comparison of bids.

| ITEM NO. | | UNIT | QUANTITY | UNIT PRICE | TOTAL |
|----------|--|------|----------|------------|-------|
| 1. | TOPSOIL, OFF-SITE | CY | 87 | \$ | \$ |
| 2. | EXCAVATION, CLASS 13 | CY | 87 | \$ | \$ |
| 3. | REMOVAL OF STRUCTURE, STORM SEWER PIPE APRON | EA | 1 | \$ | \$ |
| 4. | REMOVAL OF KNOWN PIPE CULVERT, 15" | LF | 35 | \$ | \$ |
| 5. | REMOVAL OF STORM SEWER, PVC, 8" | LF | 32 | \$ | \$ |
| 6. | STORM SEWER, TRENCHED, 18", RCP | LF | 22 | \$ | \$ |
| 7. | STORM SEWER, TRENCHED, 24", RCP | LF | 188 | \$ | \$ |
| 8. | PIPE APRON, 24" RCP | EA | 1 | \$ | \$ |
| 9. | INTAKE, SW-512, 24" | EA | 2 | \$ | \$ |
| 10. | CURB AND GUTTER | LF | 49 | \$ | \$ |
| 11. | PCC PAVEMENT SAMPLES AND TESTING | LS | 1 | \$ | \$ |
| 12. | REMOVAL OF DRIVEWAY | SY | 145 | \$ | \$ |
| 13. | SHARED USE PATH, PCC, 5" | SY | 1,508 | \$ | \$ |
| 14. | SHARED USE PATH, PCC, 7" | SY | 31 | \$ | \$ |
| 15. | DETECTABLE WARNING | SF | 66 | \$ | \$ |
| 16. | DRIVEWAY, PAVED, PCC, 7" | SY | 63 | \$ | \$ |
| 17. | CURB AND GUTTER REMOVAL | LF | 37 | \$ | \$ |
| 18. | GRANULAR RESURFACING | SY | 27 | \$ | \$ |
| 19. | TEMPORARY TRAFFIC CONTROL | LS | 1 | \$ | \$ |
| 20. | REMOVE AND REINSTALL TRAFFIC SIGNS | EA | 3 | \$ | \$ |
| 21. | CONVENTIONAL SEEDING, TYPE 2, SEEDING, FERTILIZING, AND MULCHING | AC | 0.1 | \$ | \$ |
| 22. | SWPPP PREPARATION | LS | 1 | \$ | \$ |
| 23. | SWPPP MANAGEMENT | LS | 1 | \$ | \$ |
| 24. | CONSTRUCTION SURVEY | LS | 1 | \$ | \$ |

| ITEM NO. | | UNIT | QUANTITY | UNIT PRICE | TOTAL |
|--------------------------|-----------------------------|------|----------|------------|-----------|
| 25. | MOBILIZATION | LS | 1 | \$ | \$ |
| 26. | CONCRETE WASHOUT | LS | 1 | \$ | \$ |
| 27. | LIGHT POLE RELOCATION | LS | 1 | \$ | \$ |
| 28. | SPECIAL SUBBASE PREPARATION | SY | 2,155 | \$ | \$ |
| TOTAL ITEM 1 - 28 | | | | | \$ |

NOTE: IT IS UNDERSTOOD THAT THE ABOVE QUANTITIES ARE ESTIMATED FOR THE PURPOSE OF THIS BID. ALL QUANTITIES ARE SUBJECT TO REVISION BY THE CITY. QUANTITY CHANGES WHICH AMOUNT TO TWENTY (20) PERCENT OR LESS OF THE TOTAL BID SHALL NOT AFFECT THE UNIT PRICE BID.

 Bidder

MUSCATINE COUNTY

PCC SHARED USE PATH - GRADE AND PAVE

ALONG DIVISION STREET FROM MAURER STREET TO CYPRESS STREET

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



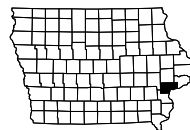
| INDEX OF SHEETS | |
|-----------------|--|
| NO. | DESCRIPTION |
| A Sheets | Title Sheets |
| A.1-2 | Title Sheet, Location Maps, and Legend |
| B Sheets | Typical Cross Sections and Details |
| B.1 | Typical Cross Sections and Details |
| C Sheets | Quantities and General Information |
| C.1-2 | Estimated Project Quantities and Reference Information Tabulations |
| D Sheets | Mainline Plan & Profile Sheets |
| D.1-5 | 5th Street Plan & Profile |
| G Sheets | Survey Sheets |
| G.1 | Reference Ties and Benchmarks & Horizontal Control |
| S Sheets | Sidewalk Plan Sheets |
| S.1 | Sidewalk Curb Ramp |
| W Sheets | Mainline Cross Sections Sheets |
| W.1-26 | 5th Street Cross Sections |

The Iowa Statewide Urban Design and Specifications (SUDAS) Latest Revisions - 2023 Edition, applicable Supplemental Specifications, and Special Provisions, shall apply to construction on this project.

| REVISIONS | | |
|-----------|-------------|----------|
| NO. | DESCRIPTION | DATE |
| 1 | ADDENDUM #1 | 2/6/2024 |
| | | |

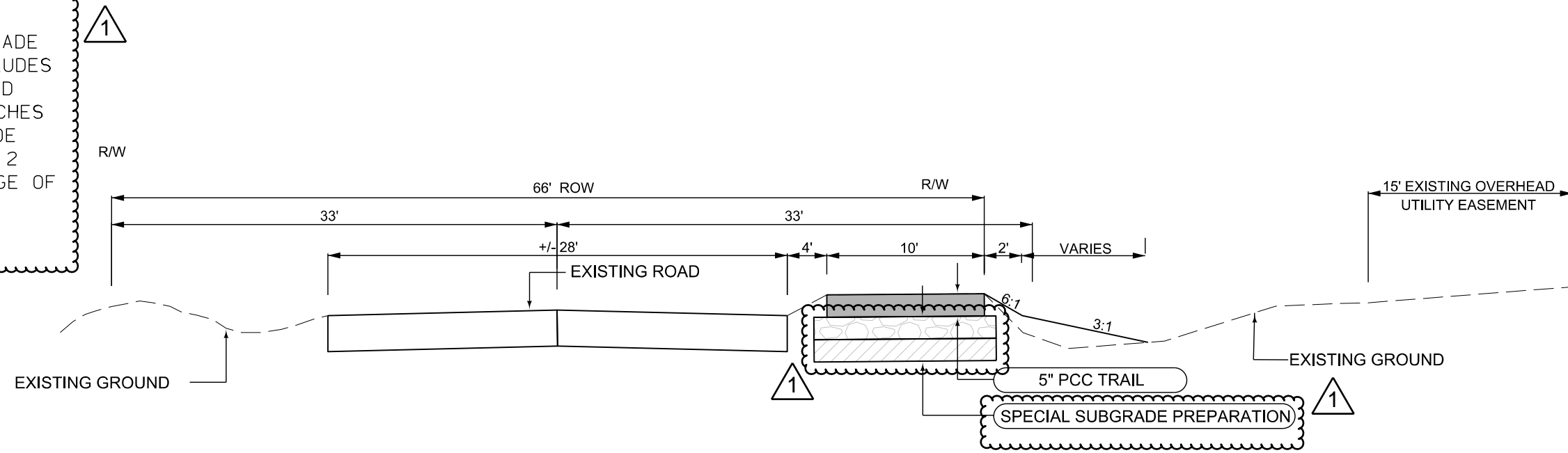


| MILEAGE SUMMARY | | | |
|-----------------|--|----------|-------------------|
| | | | 105-1 09-27-94 |
| DIV. | LOCATION | LIN. FT. | MILES |
| | DIVISION STREET SHARED USE PATH (STA 100+51.08 - 142+01.03) | 4031.50 | 0.764 |
| TOTAL | | 4031.50 | 0.764 |



| | |
|--|---|
| | I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. <i>Evan A. Vencil</i> EVAN A. VENCIL, P.E. License Number: 22819 My license renewal date is DECEMBER 31, 2022 Pages or sheets covered by this seal: A, B, C, D, G, H, L, R, W |
| | DATE 2/7/2024 |

NOTES:
 1. SPECIAL SUBGRADE PREPARATION INCLUDES 4 INCHES MODIFIED SUBBASE ON 6 INCHES MODIFIED SUBGRADE PREPARATION FOR 2 FEET OUTSIDE EDGE OF TRAIL.

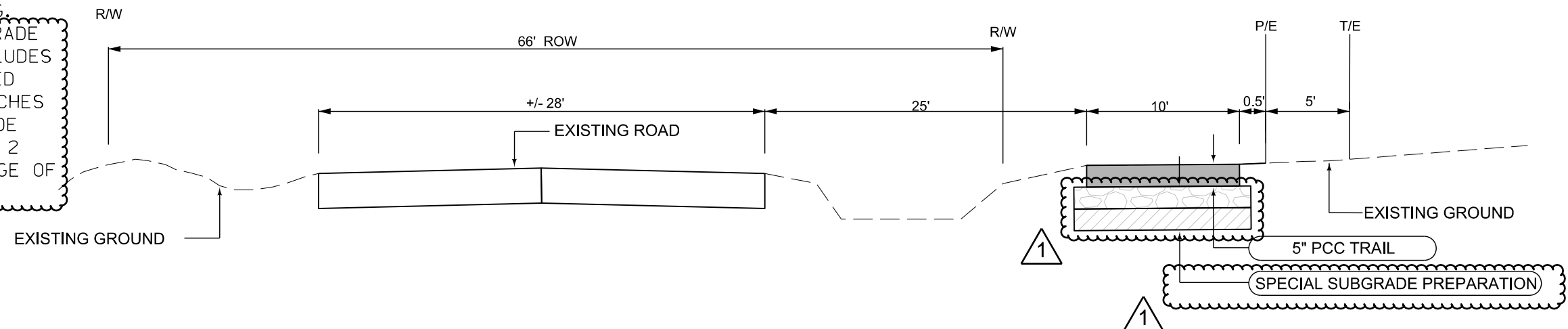


| Location | | |
|--|--------------------|---------|
| Road Identification | Station to Station | |
| Divison Street | 0+00.00 | 1+00.00 |
| Refer to D sheets for transition between Sta. 1+00 to 2+00 | | |

DIVISION STREET PROPOSED TRAIL

NOTES:
 1. REFER TO D SHEETS FOR TRANSITION BETWEEN 1+00.00 TO 2+00.00, INCLUDING ATYPICAL GRADING.

2. SPECIAL SUBGRADE PREPARATION INCLUDES 4 INCHES MODIFIED SUBBASE ON 6 INCHES MODIFIED SUBGRADE PREPARATION FOR 2 FEET OUTSIDE EDGE OF TRAIL.



| Location | | |
|---------------------|--------------------|----------|
| Road Identification | Station to Station | |
| Divison Street | 2+00.00 | 13+85.00 |

DIVISION STREET PROPOSED TRAIL

ESTIMATED PROJECT QUANTITIES

| No. | Item Code | Bid Item | Units | Total Quantity |
|-----|------------|--|-------|----------------|
| 1 | 2010-D | TOPSOIL, OFF-SITE | CY | 87 |
| 2 | 2010-E | EXCAVATION, CLASS 13 | CY | 87 |
| 3 | 2010-K-1 | REMOVAL OF STRUCTURE, STORM SEWER PIPE APRON | EA | 1 |
| 4 | 2010-K-2-C | REMOVAL OF KNOWN PIPE CULVERT, 15" | LF | 35 |
| 5 | 4020-D | REMOVAL OF STORM SEWER, PVC, 8" | LF | 32 |
| 6 | 4030-A-1 | STORM SEWER, TRENCHED, 18", RCP | LF | 22 |
| 7 | 4030-A-1 | STORM SEWER, TRENCHED, 24", RCP | LF | 188 |
| 8 | 4030-B | PIPE APRON, 24" RCP | EA | 1 |
| 9 | 6010-B | INTAKE, SW-512, 24" | EA | 2 |
| 10 | 7010-E | CURB AND GUTTER | LF | 49 |
| 11 | 7010-I | PCC PAVEMENT SAMPLES AND TESTING | LS | 1 |
| 12 | 7030-A-3 | REMOVAL OF DRIVEWAY | SY | 145 |
| 13 | 7030-C | SHARED USE PATH, PCC, 5" | SY | 1508 |
| 14 | 7030-C | SHARED USE PATH, PCC, 7" | SY | 31 |
| 15 | 7030-G | DETECTABLE WARNING | SF | 66 |
| 16 | 7030-H-1 | DRIVEWAY, PAVED, PCC, 7" | SY | 63 |
| 17 | 7040-I | CURB AND GUTTER REMOVAL | LF | 37 |
| 18 | 7040-X | GRANULAR RESURFACING | SY | 27 |
| 19 | 8030-A | TEMPORARY TRAFIC CONTROL | LS | 1 |
| 20 | 8040-I | REMOVE AND REINSTALL TRAFFIC SIGNS | EA | 3 |
| 21 | 9010-A | CONVENTIONAL SEEDING, TYPE 2, SEEDING, FERTILIZING, AND MULCHING | AC | 0 |
| 22 | 9040-A-1 | SWPPP PREPARATION | LS | 1 |
| 23 | 9040-A-2 | SWPPP MANAGEMENT | LS | 1 |
| 24 | 11010-A | CONSTRUCTION SURVEY | LS | 1 |
| 25 | 11020-A | MOBILIZATION | LS | 1 |
| 26 | 11050-A | CONCRETE WASHOUT | LS | 1 |
| 27 | 12000-Y | LIGHT POLE RELOCATION | LS | 1 |
| 28 | 12000-X | SPECIAL SUBBASE PREPARATION | SY | 2155 |

1

ESTIMATE REFERENCE INFORMATION

| No. | Item Code | Bid Item |
|-----|------------|---|
| 1 | 2010-D | TOPSOIL, OFF-SITE A. PAYMENT FOR THIS ITEM SHALL BE AT PLAN QUANTITY. B. CONTRACTOR SHALL SPREAD TOPSOIL OVERALL DISTURBED AREAS. |
| 2 | 2010-E | EXCAVATION, CLASS 13 A. PAY FOR THIS ITEM SHALL BE AT PLAN QUANTITY REGARDLESS THE AMOUNT REQUIRED TO CONSTRUCT PER PLAN DOCUMENTS |
| 3 | 2010-K-1 | REMOVAL OF STRUCTURE, STORM SEWER PIPE APRON A. REFER TO TABULATION IN C SHEETS. B. REFER TO LOCATIONS IN D SHEETS. |
| 4 | 2010-K-2-C | REMOVAL OF KNOWN PIPE CULVERT, 15" A. REFER TO TABULATION IN C SHEETS. B. REFER TO LOCATIONS IN D SHEETS. C. REMOVAL OF APRON FOOTING IF ANY SHALL BE INCLUDED WITH THIS ITEM. |
| 5 | 4020-D | REMOVAL OF STORM SEWER, PVC, 8" A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. |
| 6 | 4030-A-1 | STORM SEWER, TRENCHED, 18", RCP A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. |

ESTIMATE REFERENCE INFORMATION

| No. | Item Code | Bid Item |
|-----|-----------|---|
| 7 | 4030-A-1 | STORM SEWER, TRENCHED, 24", RCP A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. E. THIS ITEM INCLUDES THE 24" X 18" RCP TEE AS CALLED OUT ON THIS PIPE RUN AND ALL WORK REQUIRED TO INSTALL SUCH TEE. |
| 8 | 4030-B | PIPE APRON, 24" RCP A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. E. ITEM INCLUDED AND CONTRACT SHALL INSTALL APRON FOOTING PER SUDAS FIGURE 4030.221. |
| 9 | 6010-B | INTAKE, SW-512, 24" A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. |
| 10 | 7010-E | CURB AND GUTTER A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. E. ITEM INCLUDES PAVEMENT OUT TO REMOVAL EXTENTS. |
| 11 | 7010-I | PCC PAVEMENT SAMPLES AND TESTING |
| 12 | 7030-A-3 | REMOVAL OF DRIVEWAY A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. B. INCLUDES REMOVAL OF GRANULAR AND PAVED DRIVEWAY C. CONTRACTOR SHALL MARK IN FIELD REMOVAL EXTENTS AND HAVE CONSTRUCTION INSPECTOR VERIFY REMOVAL EXTENTS LIMITS PRIOR TO REMOVAL. |
| 13 | 7030-C | SHARED USE PATH, PCC, 5" A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. E. REFER TO TYPICAL SECTIONS IN B SHEETS. |
| 14 | 7030-C | SHARED USE PATH, PCC, 7" A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. E. REFER TO TYPICAL SECTIONS IN B SHEETS. |
| 15 | 7030-G | DETECTABLE WARNING A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. E. PROVIDE IN RED COLOR. |
| 16 | 7030-H-1 | DRIVEWAY, PAVED, PCC, 7" A. REFER TO TABULATIONS IN C SHEETS AND LOCATION IN D SHEETS. |
| 17 | 7040-I | CURB AND GUTTER REMOVAL A. CONTRACTOR SHALL MARK IN FIELD REMOVAL EXTENTS AND HAVE CONSTRUCTION INSPECTOR VERIFY REMOVAL EXTENTS LIMITS PRIOR TO REMOVAL. |
| 18 | 7040-X | GRANULAR RESURFACING A. GRANULAR MATERIAL SHOULD BE EXISTING MATERIAL STORED DURING REMOVAL, AND RESPREAD AND COMPACTED. |
| 19 | 8030-A | TEMPORARY TRAFIC CONTROL A. CONTRACTOR SHALL FOLLOW SUDAS 8030.104 DURING CONSTRUCTION BETWEEN STATION 0+00.00 TO 1+75.00, AND SUDAS 8030.102 AFTER STATION 1+75.00 TO END. B. CONTRACTOR SHALL PROVIDE CLOSURE BARRICADE ON EACH SIDE OF ANY CLOSED DRIVEWAY. C. THIS ITEM SHALL INCLUDE ANY AND ALL MODIFICATIONS TO THE TRAFFIC CONTROL PLAN WHICH OCCUR AT THE CONTRACTOR'S ELECTIONS OR ARE NECESSARY TO ACCOMADATE THE CONTRACTOR'S MEANS AND METHODS. |
| 20 | 8040-I | REMOVE AND REINSTALL TRAFFIC SIGNS A. ITEM INCLUDES ALL HARDWARE, ANCHOR POSTS, AND SIGN POLES IF DAMAGED UPON REMOVAL OR UNREUSABLE. |
| 21 | 9010-A | CONVENTIONAL SEEDING, TYPE 2, SEEDING, FERTILIZING, AND MULCHING A. INCLUDES ALL AREAS DISTURBED BY THE CONTRACTOR. E. PAYMENT SHALL BE AT PLAN QUANTITY FOR THIS ITEM. |
| 22 | 9040-A-1 | SWPPP PREPARATION A. THE DISTURBANCE LIMITS IS UNDER 1 ACRE. IN THE EVENT CONTRACTOR EXPANDS THE DISTURBANCE LIMITS AND EXCEEDS AN ACRE THIS ITEM SHALL BE USED. |
| 23 | 9040-A-2 | SWPPP MANAGEMENT |
| 24 | 11010-A | CONSTRUCTION SURVEY |
| 25 | 11020-A | MOBILIZATION A. THIS ITEM INCLUDES PAYMENT FOR ALL ITEMS CALLED OUT ON THE PLANS TO CONSTRUCT OR INSTALL AND DO NOT HAVE A SPECIFIC LINE ITEM. |

ESTIMATE REFERENCE INFORMATION

| No. | Item Code | Bid Item |
|-----|-----------|--|
| 26 | 11050-A | CONCRETE WASHOUT |
| 27 | 12000-X | LIGHT POLE RELOCATION |
| | A. | CONTRACTOR SHALL PERFORM AND FIELD LOCATE EXISTING ELECTRICAL ITEM. |
| | B. | CONTRACTOR SHALL COORDINATE, COOPERATE, AND ACCOMMODATE REQUESTS OF SIMPSON MEMORIAL HOME IN RELOCATING LIGHT POLE. |
| | C. | CONTRACTOR SHALL SALVAGE AND REINSTALL EXISTING FIXTURE. |
| | D. | FOOTING PER IOWA DOT STANDARD ROAD PLAN LI-201 IS INCLUDED WITH THIS ITEM. |
| | E. | CONTRACTOR SHALL REWIRE OR ADJUST LOCATION AS NECESSARY TO ACCOMMODATE EXISTING ELECTRICAL SERVICE. |
| | F. | REPLACEMENT ANCHOR BOLTS, NUTS, AND PLATES SHALL BE PROVIDED. |
| | G. | ITEM INCLUDES ALL OF THE ABOVE, WIRING, CONDUITS, REBAR CONCRETE, REMOVAL AND STORAGE OF EXISTING FIXTURE, ALL TOOLS, LABOR, AND EQUIPMENT NECESSARY TO PERFORM THIS WORK. |

| No. | Item Code | Bid Item |
|-----|-----------|---|
| 28 | 12000-X | SPECIAL SUBBASE PREPARATION |
| | A. | THIS ITEM INCLUDES 4 INCHES OF MODIFIED SUBBASE ON 6 INCHES OF SUBGRADE PREPARATION FOR 2 FEET OUTSIDE THE EDGE OF THE TRAIL. |
| | B. | FOR THE 4 INCHES OF MODIFIED SUBBASE CONTRACTOR SHALL FOLLOW SUDAS 2010-J FOR INCLUSIONS, PRODUCT SPECIFICATIONS, AND EXECUTION. |
| | C. | FOR THE 6 INCHES OF SUBGRADE PREPARATION CONTRACTOR SHALL FOLLOW SUDAS 2010-G FOR INCLUSIONS, SPECIFIED MATERIALS, AND EXECUTION. |

| SIDEWALK, PCC, 5 IN. | | | |
|--------------------------------|-----------|-----------|--------------|
| Location | Area (SI) | Area (SY) | Remarks (SI) |
| Division Street | | | |
| Sta. 0+00.00 to Sta. 1+73.11 | LT | 1726.3 | 191.9 |
| Sta. 2+01.14 to Sta. 4+57.76 | LT | 2644.4 | 293.9 |
| Sta. 4+84.70 to Sta. 7+00.07 | LI | 2216.0 | 246.3 |
| Sta. 7+28.80 to Sta. 7+78.56 | LI | 497.9 | 55.4 |
| Sta. 8+07.48 to Sta. 10+88.90 | LT | 2864.2 | 318.3 |
| Sta. 10+30 to Sta. 10+35.85 | RT | 405.0 | 45.1 |
| Sta. 11+13.99 to Sta. 14+02.63 | LT | 3208.7 | 356.6 |
| TOTAL | | 1508 | SY |

| DETECTABLE WARNING | | |
|--------------------|-----------|------------|
| Location | Area (SF) | Remarks |
| Division Street | | |
| 0+05.58 | 25.6 | BOTH SIDES |
| 14+04.28 | 40.0 | |
| TOTAL | | 66 SF |

| SIDEWALK, PCC, 7 IN. | | | |
|------------------------------|-----------|-----------|--------------|
| Location | Area (SI) | Area (SY) | Remarks (SI) |
| Division Street | | | |
| Sta. 1+72.97 to Sta. 1+99.59 | LT | 277.8 | 30.9 |
| TOTAL | | 31 | SY |

| CURB AND GUTTER, 2.5 FT WIDTH, 10 IN THICK | | | | |
|--|----------|------|-------------|---------|
| Division Street | Location | Side | Length (LF) | Remarks |
| | 0+00.00 | | 0+12.75 | BOTH |
| | 14+03.23 | | 14+05.23 | BOTH |
| TOTAL | | | 49 | LF |

| DRIVEWAY, PCC | | | | |
|----------------------------|-----------|-----------|---------|--|
| Location | Area (SF) | Area (SY) | Remarks | |
| Division Street | | | | |
| Sta 0+59.11 to Sta 0+88.49 | BOTH | 569.6 | 63.3 | |
| TOTAL 7" | | 63 | SY | |

| REMOVAL OF GRANULAR DRIVEWAY | | | |
|------------------------------|-----------|-----------|---------|
| Location | Area (SF) | Area (SY) | Remarks |
| Division Street | | | |
| Sta 1+73.11 to Sta 2+00.86 | LT | 485.4 | 54.0 |
| Sta 9+00.47 to Sta 9+51.67 | RT | 812.6 | 90.3 |
| TOTAL | | 145 | SY |



104-5B
06-06-17

STORM SEWER

* Bid Item

| INTAKES AND UTILITY ACCESSES | | | | | | | PIPES | | | | | | | | | | | |
|------------------------------|--------------------|-----------------------------|----------------|-------------------|---|-------------|--|----|-------|----------------------|-----------------|--------------------|---------|----------------------------|-----------------------------|----------------------|---------------------|----------------------------|
| | | | | | | | Design Length, Slope and Flowlines are calculated center of structure to center of structure along CI of pipe. | | | | | | | | | | | |
| No. | Location Station | Type or Standard Road Plan* | RIM / FG Elev. | Bottom Well Elev. | Notes | Line Number | Inlet/Utility Access No. From | To | Class | Pipe Diameter Inches | Bid Length Feet | Design Length Feet | Slope % | Flow Lines Inlet Elevation | Flow Lines Outlet Elevation | Granular Backfill CY | Pipe Plan Sheet No. | Notes |
| 1 | 0+14.58, 5.35' RI | SW-512 | 784.28 | | | P-1 | | | III | 18 | 9 | | 2.00% | 782.53 | 782.69 | | | PROVIDE SW-604 TYPE 3A |
| 2 | 0+14.75, 3.65' LT | RCP Tee | N/A | N/A | 24" X 18", PER IOWA DOT DR-142 DETAIL, INCIDENTAL, PROVIDE SW-604 TYPE 3A | P-2 | | | III | 24 | 188 | | 1.20% | 782.68 | 784.42 | | | INCIDENTAL TO 24" RCP PIPE |
| 3 | 1+56.85, 2.84' LT | RCP Tee | N/A | N/A | 24" X 18", PER IOWA DOT DR-142 DETAIL, INCIDENTAL TO 24" RCP PTPF | P-3 | | | III | 18 | 13 | | 2.00% | 783.97 | 784.24 | | | |
| 4 | 1+58.18, 10.14' RT | SW-512 | 786.94 | N/A | PROVIDE SW-604 TYPE 3A | | | | | | | | | | | | | |
| 5 | 2+02.36, 11.12' LT | APRON | N/A | N/A | REMOVE EXISTING APRON AND CONNECT TO PROPOSED PTPF | | | | | | | | | | | | | |